

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** John W. Ketchum  
**Application No.** 10/810,442  
**Title:** Method and System for Increased Bandwidth Efficiency in  
Multiple Input-Multiple Output Channels  
**Filed:** 3/26/2004  
**Examiner:** Jean B. Corrielus  
**Group No.** 2611  
**Confirmation No.** 8969

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Madame:

The Office Action dated February 23, 2009 has been carefully considered. As of the date of the Office Action, claims 1, 4-11, 13-16, 19-21, 23-26, 28-29 and 38 were pending in the present application. Prior to examination of the above-identified application, please cancel claims 1, 4-6, 16, 19-21 and 38 and amend the claims as indicated in the pending claims. With the present Amendment, claims 7-11, 13-15, 23-26 and 28-29 are active and pending in the present application. Further examination and reconsideration of the rejections of the pending claims are respectfully requested.

**Pending Claims** begin on page 2.

**Remarks** begin on page 6.